

DETAILED ACTION

Examiner's Amendment

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Brian McGuire on 05/19/2010.

The application has been amended as follows:

- In claim 9, line 1, "A computer-readable" has been changed to --A non-transitory computer-readable--
- In claim 10, line 1, "A recording" has been changed to --A non-transitory recording--
- In claim 16, line 1, "A computer-readable" has been changed to --A non-transitory computer-readable--
- In claim 17, line 1, "A recording" has been changed to --A non-transitory recording--

Allowable Subject Matter

Claims 1-17, and 25-34 are allowed.

The following is an examiner's statement of reasons for allowance:

With regard to independent claims 1-3, 8-11, 15-17, 25, 30, and 34, the prior art of record fails to show or reasonably suggest the claimed invention taken as a whole with respect to

Art Unit: 2423

acquiring and analyzing user setting parameters for resolution and noise suppression, selecting optimal procedures about image and sound quality based on the analyzing, and providing users with a new product or a circuit board having a new function of the optimal procedures.

Prokopenko of record discloses collecting and analyzing user preferences in order to recommend programming to a user. Zomaya of record discloses analyzing a computer configuration and recommending an upgrade to a target configuration, and Candelore of record describes monitoring user activity in order to recommend upgrading to a programming package; however the combination fails to disclose analyzing user settings of resolution and sound, and recommending an upgraded product or circuit board based on those user settings. Zomaya merely describes upgrading to a target configuration; however this upgrade is not based on user settings of resolution and sound.

Contact

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled “Comments on Statement of Reasons for Allowance.”

Any inquiry concerning this communication or earlier communications from the examiner should be directed to MARK D. FEATHERSTONE whose telephone number is (571)270-3750. The examiner can normally be reached on 8:00 AM - 5:00 PM M-F US Eastern.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Andrew Koenig can be reached on (571) 272-7296. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mark Featherstone/ - Assistant Examiner

/Andrew Koenig/

Supervisory Patent Examiner, Art Unit 2423